SEQUENCE LISTING

<110> Lind, Peter
     Berthold, Malin

<120> Novel G Protein-Coupled Receptor

<130> 00125US2

<150> 60/198,600
<151> 2000-04-19

<160> 12

<170> PatentIn version 3.0

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            20   25   30

Glu Val Gly Leu Arg Asp Val Ala Ser Glu Ser Val Ala Leu Phe Phe
        35   40   45

Met Leu Leu Leu Asp Leu Thr Ala Val Ala Gly Asn Ala Ala Val Met
    50   55   60

Ala Val Ile Ala Lys Thr Pro Ala Leu Arg Lys Phe Val Phe Val Phe
65   70   75   80

His Leu Cys Leu Val Asp Leu Leu Ala Ala Leu Thr Leu Met Pro Leu
            85   90   95

Ala Met Leu Ser Ser Ser Ala Leu Phe Asp His Ala Leu Phe Gly Glu
            100   105   110

Val Ala Cys Arg Leu Tyr Leu Phe Leu Ser Val Cys Phe Val Ser Leu
        115   120   125

Ala Ile Leu Ser Val Ser Ala Ile Asn Val Glu Arg Tyr Tyr Tyr Val
    130   135   140

Val His Pro Met Arg Tyr Glu Val Arg Met Thr Leu Gly Leu Val Ala
145   150   155   160

Ser Val Leu Val Gly Val Trp Val Lys Ala Leu Ala Met Ala Ser Val
            165   170   175

Pro Val Leu Gly Arg Val Ser Trp Glu Glu Gly Ala Pro Ser Val Pro
            180   185   190

Pro Gly Cys Ser Leu Gln Trp Ser His Ser Ala Tyr Cys Gln Leu Phe
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Val Val Val Phe Ala Val Leu Tyr Phe Leu Leu Pro Leu Leu Leu Ile
    210   215   220

Leu Val Val Tyr Cys Ser Met Phe Arg Val Ala Arg Val Ala Ala Met
225   230   235   240

Gln His Gly Pro Leu Pro Thr Trp Met Glu Thr Pro Arg Gln Arg Ser
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Glu Ser Leu Ser Ser Arg Ser Thr Met Val Thr Ser Ser Gly Ala Pro
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Gln Thr Thr Pro His Arg Thr Phe Gly Gly Gly Lys Ala Ala Val Val

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Gln Val Glu Ser Val Val Thr Trp Ile Gly Tyr Phe Cys Phe Thr Ser
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Asn Pro Phe Phe Tyr Gly Cys Leu Asn Arg Gln Ile Arg Gly Glu Leu
            340                 345                 350

Ser Lys Gln Phe Val Cys Phe Phe Lys Pro Ala Pro Glu Glu Glu Leu
            355                 360                 365

Arg Leu Pro Ser Arg Glu Gly Ser Ile Glu Glu Asn Phe Leu Gln Phe
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Leu Gln Gly Thr Gly Cys Pro Ser Glu Ser Trp Val Ser Arg Pro Leu
385                 390                 395                 400

Pro Ser Pro Lys Gln Glu Pro Pro Ala Val Asp Phe Arg Ile Pro Gly
            405                 410                 415

Gln Ile Ala Glu Glu Thr Ser Glu Phe Leu Glu Gln Gln Leu Thr Ser
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Gly Arg Ala Leu Gln Thr Pro Gly Pro Ser Thr Ala Ser Gly Val Pro
            20                  25                  30

Glu Leu Gly Leu Arg Asp Val Ala Ser Glu Ser Val Ala Leu Phe Phe
        35                  40                  45

Met Leu Leu Leu Asp Leu Thr Ala Val Ala Gly Asn Ala Ala Val Met
    50                  55                  60

Ala Val Ile Ala Lys Thr Pro Ala Leu Arg Lys Phe Val Phe Val Phe
65                  70                  75                  80

His Leu Cys Leu Val Asp Leu Leu Ala Ala Leu Thr Leu Met Pro Leu
                85                  90                  95

Ala Met Leu Ser Ser Ser Ala Leu Phe Asp His Ala Leu Phe Gly Glu
            100                 105                 110
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Val Ala Cys Arg Leu Tyr Leu Phe Leu Ser Val Cys Phe Val Ser Leu
    115                 120             125
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Ala Ile Leu Ser Val Ser Ala Ile Asn Val Glu Arg Tyr Tyr Tyr Val
    130             135             140
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Val His Pro Met Arg Tyr Glu Val Arg Met Thr Leu Gly Leu Val Ala
145             150             155             160
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```
Ser Val Leu Val Gly Val Trp Val Lys Ala Leu Ala Met Ala Ser Val
            165             170             175
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```
Pro Val Leu Gly Arg Val Tyr Trp Glu Glu Gly Ala Pro Ser Val Asn
            180             185             190
```

```
Pro Gly Cys Ser Leu Gln Trp Ser His Ser Ala Tyr Cys Gln Leu Phe
        195             200             205
```

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Val Val Val Phe Ala Val Leu Tyr Phe Leu Leu Pro Leu Ile Leu Ile
    210             215             220
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Phe Val Val Tyr Cys Ser Met Phe Arg Val Ala Arg Val Ala Ala Met
225             230             235             240
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Gln His Gly Pro Leu Pro Thr Trp Met Glu Thr Pro Arg Gln Arg Ser
            245             250             255
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```
Glu Ser Leu Ser Ser Arg Ser Thr Met Val Thr Ser Ser Gly Ala His
        260             265             270
```

```
Gln Thr Thr Pro His Arg Thr Phe Gly Gly Gly Lys Ala Ala Val Val
        275             280             285
```

```
Leu Leu Ala Val Gly Gly Gln Phe Leu Leu Cys Trp Leu Pro Tyr Phe
    290             295             300
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Ser Phe His Leu Tyr Val Ala Leu Ser Ala Gln Pro Ile Ser Thr Gly
305             310             315             320
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Gln Val Glu Asn Val Val Thr Trp Ile Gly Tyr Phe Cys Phe Thr Ser
            325             330             335
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Asn Pro Phe Phe Tyr Gly Cys Leu Asn Arg Gln Ile Arg Gly Glu Leu
            340             345             350
```

```
Ser Lys Gln Phe Val Cys Phe Phe Lys Ala Ala Pro Glu Glu Glu Leu
        355             360             365
```

```
Arg Leu Pro Ser Arg Glu Gly Ser Ile Glu Glu Asn Phe Leu Gln Phe
    370             375             380
```

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Leu Gln Gly Thr Ser Glu Asn Trp Val Ser Arg Pro Leu Pro Ser Pro
385             390             395             400
```

```
Lys Arg Glu Pro Pro Pro Ala Val Asp Phe Arg Ile Pro Gly Gln Ile
            405             410             415
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Ala Glu Glu Thr Ser Glu Phe Leu Glu Gln Gln Leu Thr Ser Asp Ile
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